

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

A LIST OF FAMILIES AND SUBFAMILIES OF ICHNEU-
MON-FLIES OR THE SUPER-FAMILY ICHNEUMO-
NOIDEA (HYMENOPTERA).

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In the following list the supergeneric groups of the Ichneumonoidea are systematically arranged according to the writer's latest views. To avoid confusion in referring to groups of genera by word of mouth, all tribes are treated as subfamilies.

Family **Vipionidae** Viereck.

Subfamily **Opiinae** Cresson.

Subfamily **Cardiochilinae** Ashmead.

(*Cardiochiles* Nees, etc.)

Subfamily **Microgasterinae** Cresson.

(*Microgaster* Latreille, etc.)

Subfamily **Mesocoelinae**, new subfamily.

(*Mesocoelus* Schulz.)

Subfamily **Apantelinae**, new subfamily.

(*Apanteles* Foerster, etc.)

Subfamily **Miracinae**, new subfamily.

(*Mirax* Haliday.)

Subfamily **Elasmosominae**, new subfamily.

(*Elasmosoma* Ruthe, etc.)

Subfamily **Adelinae**, new subfamily.

(*Adelius* Haliday, etc.)

Subfamily **Vipioninae** Gaban.

(*Vipio* Latreille, etc.)*

Family **Agriotypidae** Haliday.

(*Agriotypus* Walker.)

Family **Alysiidae** Ashmead.

* The length of the submedian cell is too unstable to warrant its use as a foundation for groups of genera, hence Aphaetobraconini and Eueobraconini are not adopted here.

- Subfamily **Alysiinae** Cresson (part).
(*Alysia* Latreille, etc.)
- Subfamily **Alloeinae**, new subfamily.
Alloea Haliday, etc.)
- Subfamily **Dacnusiinae** Cresson.
(*Dacnusa* Haliday, etc.)
- Family **Lysiognathidae** Ashmead.
(*Lysiognatha* Ashmead.)
- Family **Vanhorniidae** Crawford.
(*Vanhornia* Crawford.)
- Family **Stephanidae** Haliday.
Stephanus Jurine, etc.)
- Family **Paxylommidae** Viereck.
(*Paxylomma* Prebisson.)
- Family **Banchidae** Viereck.
 - Subfamily **Banchinae**, new subfamily.
(*Banchus* Fabricius, etc.)
 - Subfamily **Zemiophorinae**, new subfamily.
(*Zemiophora* Foerster).
 - Subfamily **Diplazoninae**=*Bassides* Morley), new subfamily.
(*Diplazon* (Nees), etc.)
- Family **Capitoniidae** Viereck.
(*Capitonius* Brullé.)
- Family **Braconidae** Haliday (part).
 - Subfamily **Macrocentrinae** Cresson (part).
(*Macrocentrus* Curtis, etc.)
 - Subfamily **Zelinae**, new subfamily.
(*Zele* Haliday, etc.)
 - Subfamily **Helconinae** Cresson (part).
(*Nelcon* Nees, etc.)
 - Subfamily **Diospilinae**, new family.
(*Diospilus* Haliday, etc.)
 - Subfamily **Ichneutinae** Cresson.
(*Ichneutes* Nees, etc.)
 - Subfamily **Blacinae** Cresson (part).
(*Blacus* Nees, etc.)
 - Subfamily **Leiophroninae**, new subfamily = (*Culyptides* Marshall).
(*Leiophron* Nees, etc.)
 - Subfamily **Meteorinae** Cresson.
(*Meteorus* Haliday, etc.)
 - Subfamily **Euphorinae** Cresson.
(*Euphorus* Nees, etc.)
 - Subfamily **Braconinae** Gahan=(*Agathinae* Cresson) (part).
(*Bracon* Jurine, etc.)
 - Subfamily **Bassinae**, new subfamily=(*Microdini* Ashmead).
(*Bassus* Fabricius, etc.)

- Subfamily **Sigalphinae**, new subfamily=(Cheloninae Cresson).
(*Sigalphus* Latreille, etc.)
- Subfamily **Triaspinae**, new subfamily=(Sigalphinae Cresson).
(*Triaspis* Haliday, etc.)
- Subfamily **Rhyssalinae** Cresson (part).
(*Rhyssalus* Haliday, etc.)
- Subfamily **Exothecinae**, new subfamily.
(*Exothecus* Wesmael, etc.)
- Subfamily **Pelecystominae**, new subfamily=(Rhogadides Marshall).
(*Pelecystoma* Wesmael, etc.)
- Subfamily **Doryctinae**, new subfamily.
(*Doryctes* Haliday, etc.)
- Subfamily **Hecabolinae**, new subfamily.
(*Hecabolus* Haliday, etc.)
- Subfamily **Spathiinae** Cresson (part).
(*Spathius* Nees, etc.)
- Subfamily **Stephaniscinae** Enderlein.
(*Stephaniscus* Kieffer, etc.)
- Subfamily **Pambolinae**, new subfamily.
(*Pambolus* Haliday, etc.)
- Subfamily **Hormiinae**, new subfamily.
(*Hormius* Nees, etc.)
- Family **Myersiidae** Viereck.
(*Myersia* Viereck, etc.)
- Family **Evaniidae** Westwood.
 - Subfamily **Evaniinae** Ashmead.
(*Erenia* Fabricius, etc.)
 - Subfamily **Gasteruptioninae** Ashmead.
(*Gasteruption* Latreille, etc.)
 - Subfamily **Aulacinae** Ashmead.
(*Aulacus* Jurine, etc.)
- Family **Eupachylommidae** Viereck.
(*Eupachylomma* Ashmead.)
- Family **Roproniidae** Viereck.
(*Ropronia* Provancher.)
- Family **Trigonalidae** Cresson.
(*Trigonalys* Westwood, etc.)
- Family **Ichneumonidae** Haliday.
 - Subfamily **Aphidiinae** Cresson.
(*Asphidius* Nees, etc.)*
 - Subfamily **Campopleginae**, new subfamily=(Limmerinae Szepilgeti).
(*Campoplex* Gravenhorst, etc.)

* The Aphidiini and Trioxini are in the writer's opinion too closely related to be entitled to rank as groups of genera.

- Subfamily **Charopsinae**, new subfamily.
(*Charops* Holmgren, etc.)
- Subfamily **Cryptophioninae**, new subfamily.
(*Cryptophion* Viereck.)
- Subfamily **Exetastinae**, new subfamily.
(*Exetastes* Gravenhorst, etc.)
- Subfamily **Pristomerinae**, new subfamily.
(*Pristomerus* Curtis, etc.)
- Subfamily **Porizoninae**, new subfamily = (Porizontinae Szep-
ligeti).
(*Porizon* Fallen, etc.)
- Subfamily **Plectiscinae** Szepilgeti.
(*Plectiscus* Gravenhorst, etc.)
- Subfamily **Adelognathinae** Szepilgeti.
(*Adelognathus* Holmgren, etc.)
- Subfamily **Cremastinae** Szepilgeti.
(*Cremastus* Gravenhorst, etc.)
- Subfamily **Mesochorinae** Szepilgeti.
(*Mesochorus* Gravenhorst, etc.)
- Subfamily **Nesomesochorinae**, new subfamily = (Neomesochori-
nae Szepilgeti).
(*Nesomesochorus* Ashmead, etc.)
- Subfamily **Megacerinae** Szepilgeti.
(*Megaceria* Szepilgeti.)
- Subfamily **Paniscinae** Szepilgeti.
(*Paniscus* Schrank, etc.)
- Subfamily **Therioninae**, new subfamily = (Anomalinae Szepi-
geti).
(*Therion* Curtis, etc.)
- Subfamily **Eiphosominae**, new subfamily = (Xiphosominae
Szepilgeti).
(*Eiphosoma* Cresson, etc.)
- Subfamily **Hymenopharsalinae**, new subfamily = (Pharsaliinae
Szepilgeti).
- Subfamily **Anomaloninae**, new subfamily = (Nototrachinae
Szepilgeti).
(*Anomalon* Panzer.)
- Subfamily **Ophioninae** Cresson (part).
(*Ophion* Fabricius, etc.)
- Subfamily **Hellwiginae**, new subfamily.
(*Hellwigia* Gravenhorst, etc.)
- Subfamily **Metopiinae**, new subfamily = (Tryphoninae Cresson).
(*Metopius* Panzer, etc.)
- Subfamily **Catoglyptinae**, new subfamily = (Mesoleptini Ash-
mead).
(*Catoglyptus* (Foerster), etc.)

- Subfamily **Cteniscinae**, new subfamily.
 (*Cteniscus* Haliday, etc.)
- Subfamily **Ctenopelminae**, new subfamily.
 (*Ctenopelma* Holmgren, etc.)
- Subfamily **Tryphoninae** Cresson (in part).
 (*Tryphon* (Fallen), etc.)
- Subfamily **Orthocentrinae**, new subfamily.
 (*Orthocentrus* Gravenhorst, etc.)
- Subfamily **Exochinae**, new subfamily.
 (*Exochus* Gravenhorst, etc.)
- Subfamily **Tylocomninae**, new subfamily = (Trachydermatini Ashmead).
 (*Tylocomnus* Holmgren, etc.)
- Subfamily **Sphinctinae**, new subfamily.
 (*Sphinctus* Gravenhorst.)
- Subfamily **Ichneumoninae**, new subfamily = (Pimplinae Cresson).
 (*Ichneumon* Linnaeus, etc.)
- Subfamily **Lissonotinae**, new subfamily.
 (*Lissonota* Gravenhorst, etc.)
- Subfamily **Labeninae**, new subfamily.
 (*Labena* Cresson, etc.)
- Subfamily **Acoenitinae**, new subfamily.
 (*Accoenites* Latreille, etc.)
- Subfamily **Xoridinae**, new subfamily.
 (*Xorides* Latreille, etc.)
- Subfamily **Gelinae**, new subfamily = (Cryptinae Cresson, part).
 = Pezomachini Ashm.
 (*Gelis* Thunberg, etc.)
- Subfamily **Stilpninae**, new subfamily.
 (*Stilpnus* Gravenhorst, etc.)
- Subfamily **Phygadeuoninae**, new subfamily.
 (*Phygadeuon* Gravenhorst, etc.)
- Subfamily **Hemitelinae**, new subfamily.
 (*Hemiteles* Gravenhorst, etc.)
- Subfamily **Hemigasterinae**, new subfamily.
 (*Hemigaster* Brullé, etc.)
- Subfamily **Osprynchotinae**, new subfamily = (Cryptini Ashmead).
 (*Osprynchotus* Spinola, etc.)
- Subfamily **Mesosteninae**, new subfamily.
 (*Mesostenus* Gravenhorst, etc.)
- Subfamily **Joppocryptinae**, new subfamily.
 (*Joppocryptus* Viereck.)
- Subfamily **Joppinae**, new subfamily = (Ichneumoninae Ashmead, in part.)
 (*Joppa* Fabricius, etc.)

Subfamily **Phaeogeninae**, new subfamily.

(*Phaeogenes* Wesmael, etc.)

Subfamily **Alomyinae**, new subfamily.

(*Alomya* Panzer.)

Subfamily **Heresiarchinae**, new subfamily.

(*Heresiarches* Wesmael, etc.)

Subfamily **Listrodrominae**, new subfamily.

(*Listrodromus* Wesmael, etc.)

Subfamily **Ambytelinae**, new subfamily=(Ichneumonini Ashmead).

(*Amblyteles* Wesmael, etc.)